

## CLAIMS

What is claimed is:

1           1. A method comprising:  
2           detecting a first word entered by a user with a character-entry device; and  
3           providing a potential list of second words to said user, said potential list  
4           of second words selected based on the likelihood that each of said words  
5           contained in said potential list of second words will be selected by said user  
6           following said first word.

1           2. The method as in claim 1 further comprising:  
2           ordering said potential list of second words based on the probability that  
3           each of said potential list of second words will be selected by said user following  
4           said first word.

1           3. The method as in claim 1 further comprising:  
2           detecting a second word selected by said user with a character-entry  
3           device; and  
4           providing a potential list of third words to said user, said potential list of  
5           third words selected based on the likelihood that each of said words contained in  
6           said potential list of third words will be selected by said user following said  
7           second word.

1           4. The method as in claim 3 wherein said second word is selected by said  
2           user from said potential list of second words.

1 5. The method as in claim 3 wherein said second word is entered  
2 manually by said user using said character-entry device.

1 6. The method as in claim 3 further comprising:  
2 recording selection of said second word following said first word in a  
3 database.

1 7. The method as in claim 6 wherein recording comprises:  
2 linking said second word to said first word in said database.

1 8. The method as in claim 7 wherein recording further comprises:  
2 storing a number of times said user has selected said second word  
3 following said first word.

1 9. The method as in claim 8 further comprising:  
2 calculating a probability that said second word will be selected by said  
3 user based on said number of times.

1 10. The method as in claim 6 further comprising:  
2 removing said selection of said second word from said database  
3 responsive to a user command to remove said second word.

1 11. A system comprising:  
2 detection logic to detect a first word entered by a user with a character-  
3 entry device; and  
4 list generation logic to provide a potential list of second words to said  
5 user, said potential list of second words selected based on the likelihood that

6 each of said words contained in said potential list of second words will be  
7 selected by said user following said first word.

1  
1 12. The method as in claim 11 further comprising:  
2 ordering logic to order said potential list of second words based on the  
3 probability that each of said potential list of second words will be selected by  
4 said user following said first word.

1  
1 13. The system as in claim 11 further comprising:  
2 second word detection logic to detect a second word selected by said user  
3 with a character-entry device; and  
4 third word generation logic to provide a potential list of third words to  
5 said user, said potential list of third words selected based on the likelihood that  
6 each of said words contained in said potential list of third words will be selected  
7 by said user following said second word.

1  
1 14. The system as in claim 13 wherein said second word detection logic  
2 detects said second word selected by said user from said potential list of second  
3 words.

1  
1 15. The system as in claim 13 wherein said second word detection logic  
2 detects said second word entered manually by said user using said character-  
3 entry device.

1  
1 16. The system as in claim 13 further comprising:  
2 recording logic to record selection of said second word following said first  
3 word in a database.

17. The system as in claim 16 wherein recording logic further comprises:  
linking logic to link said second word to said first word in said database.

18. The system as in claim 17 wherein said recording logic further  
comprises:  
storage logic to store a number of times said user has selected said second  
word following said first word.

19. The system as in claim 18 further comprising:  
calculation logic to calculate a probability that said second word will be  
selected by said user based on said number of times.

20. The system as in claim 16 further comprising:  
word removal logic to remove said selection of said second word from  
said database responsive to a user command to remove said second word.

21. An article of manufacture including program code which, when  
executed by a machine, cause said machine to perform the operations of:  
detecting a first word entered by a user with a character-entry device; and  
providing a potential list of second words to said user, said potential list  
of second words selected based on the likelihood that each of said words  
contained in said potential list of second words will be selected by said user  
following said first word.

22. The article of manufacture as in claim 21 comprising program code  
causing said machine to perform the additional operations of:

ordering said potential list of second words based on the probability that each of said potential list of second words will be selected by said user following said first word.

23. The article of manufacture as in claim 21 comprising program code causing said machine to perform the additional operations of:

- detecting a second word selected by said user with a character-entry device; and
- providing a potential list of third words to said user, said potential list of third words selected based on the likelihood that each of said words contained in said potential list of third words will be selected by said user following said second word.

24. The article of manufacture as in claim 23 wherein said second word is selected by said user from said potential list of second words.

25. The article of manufacture as in claim 23 wherein said second word is entered manually by said user using said character-entry device.

26. The article of manufacture as in claim 23 comprising program code causing said machine to perform the additional operations of:

- recording selection of said second word following said first word in a database.

27. The article of manufacture as in claim 26 comprising program code causing said machine to perform the additional operations of:

- linking said second word to said first word in said database.

1  
1  
2  
3  
4  
1  
1  
2  
3  
4  
1  
1  
2  
3  
4  
1  
1  
1  
1  
1

28. The article of manufacture as in claim 27 comprising program code causing said machine to perform the additional operations of:  
storing a number of times said user has selected said second word following said first word.

29. The article of manufacture as in claim 28 comprising program code causing said machine to perform the additional operations of:  
calculating a probability that said second word will be selected by said used based on said number of times.

30. The article of manufacture as in claim 26 comprising program code causing said machine to perform the additional operations of:  
removing said selection of said second word from said database responsive to a user command to remove said second word.